

# EAST Search History

+ Interference

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	277	polygonal adj aperture	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 15:54
S2	9	(polygonal adj aperture) and light and (detector or sensor)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/04 15:01
S3	4	("3502888"   "3961198"   "4682016"   "5151580").PN.	USPAT	OR	OFF	2002/06/24 16:13
S4	447	triangular adj aperture	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/24 16:15
S5	8	(triangular adj aperture) same light same (detector or sensor)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/24 16:16
S6	0	(polygonal adj aperture) same light same (detector or sensor)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/24 16:20
S7	277	polygonal adj aperture	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/24 16:22
S8	2	(polygonal adj aperture ) and "356"/\$.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/24 16:23
S9	11	(polygonal adj aperture ) and "250"/\$.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/24 16:24
S10	10	(polygonal adj aperture ) and radiation	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/24 16:45
S11	6	"4395919".URPN.	USPAT	OR	OFF	2002/06/24 16:40
S12	361	luminance adj meter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/06/24 16:45

## EAST Search History

S13	39	(luminance adj meter) and (polygonal or triangular or rectangular adj aperture)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/06/25 10:09
S14	0	(triangle adj aperture) same dtector	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 10:27
S15	0	(triangle adj aperture) same detector	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 10:43
S16	0	(triangle adj aperture) same sensor	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 10:43
S17	5	(polygonal adj aperture) same (sensor or triangle)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 10:47
S18	56	"3667846"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 10:48
S19	6	((("3667846") or ("5576831"))).PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 10:56
S20	12	("3667846"   "4405238"   "4589773"   "4650983"   "4748333"   "4844617"   "4864123"   "4936676"   "5162642"   "5166516"   "5272517"   "5298976").PN.	USPAT	OR	OFF	2002/06/25 10:49
S21	12	("3667846"   "4405238"   "4589773"   "4650983"   "4748333"   "4844617"   "4864123"   "4936676"   "5162642"   "5166516"   "5272517"   "5298976").PN.	USPAT	OR	OFF	2002/06/25 10:50
S22	2	("5142138").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 11:01
S23	2	("4531062"   "4539482").PN.	USPAT	OR	OFF	2002/06/25 10:57
S24	4	"5142138".URPN.	USPAT	OR	OFF	2007/02/04 14:53

## EAST Search History

S25	5	((("5514871") or ("5959291"))).PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 11:01
S26	7	"5514871".URPN.	USPAT	OR	OFF	2002/06/25 11:02
S27	0	aperture same Bessel adj filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 11:20
S28	131	aperture same Bessel	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 11:22
S29	5	aperture same Bessel with filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 11:24
S30	0	aperture same Bessel same integrator	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 11:24
S31	37	Bessel same integrator	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 11:25
S32	2020	filter same aperture and semiconductor	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 13:54
S33	237	filter same aperture same semiconductor	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 13:59
S34	171	lauchman	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 13:59
S35	6	("4291312"   "4605932"   "4692769"   "4766440"   "5241322"   "5661494").PN.	USPAT	OR	OFF	2002/06/25 14:05
S36	17670	apertures and light and (detector or sensor)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 14:09
S37	5896	( apertures and light and (detector or sensor)) and filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 14:10

## EAST Search History

S38	2418	(( apertures and light and (detector or sensor)) and filter) and radiation	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 14:17
S39	100	(((( apertures and light and (detector or sensor)) and filter) and radiation) and luminance	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/25 14:18
S40	2	("6556289").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 14:57
S41	8	AUBANEL-LAURENT	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 15:21
S42	248	alignment same (optical near2 component) same waveguide same light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 15:54
S43	311	polygonal adj aperture	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 15:54
S44	0	S43 and sample and ((transmitted or reflected) near2 light)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 15:56
S45	3	S43 and sample and ((transmitt\$4 or reflect\$4) near2 light)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 15:56
S46	6	("3667846"   "4344150"   "5142138"   "5514871"   "5576831").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/30 15:58
S47	24	("5576831").URPN.	USPAT	OR	ON	2006/05/30 16:31
S48	2	("5086477").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 16:50

## EAST Search History

S49	2	reflectometer and transmissometer and "356"/\$.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 11:11
S50	79	("5889593").URPN.	USPAT	OR	ON	2006/05/31 10:36
S51	1	("6750968").URPN.	USPAT	OR	ON	2006/05/31 10:53
S52	31	("20030025909"   "3814943"   "3927253"   "4710642"   "4931830"   "5164790"   "5166752"   "5218415"   "5241369"   "5450201"   "5561525"   "5596411"   "5638353"   "5703692"   "5798837"   "5867276"   "5877859"   "5880838"   "5889593"   "5910842"   "5912741"   "5955739"   "6034776"   "6037579"   "6052188"   "6100985"   "6122046"   "6130750"   "6134012"   "6281974"   "6750968").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/31 10:59
S53	2	"6556289".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 10:59
S54	6	("3667846"   "4344150"   "5142138"   "5514871"   "5576831").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/31 10:59
S55	5	("5142138").URPN.	USPAT	OR	ON	2006/05/31 11:00
S56	24	("5576831").URPN.	USPAT	OR	ON	2006/05/31 11:01
S57	2	reflectometer and "356"/\$.ccls. and (aperture same polygonal)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 11:13
S58	0	((sensor or detector) same aperture) and sample and (light near2 (transmitt\$4 or reflect\$4)) and (output same intergator)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 12:06
S59	0	((sensor or detector) same aperture) and sample and (light near2 (transmitt\$4 or reflect\$4)) and (output same intergator)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 11:39
S60	0	((sensor or detector) same aperture) and sample and (light with (transmitt\$4 or reflect\$4)) and (output same intergator)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 11:39
S61	0	((sensor or detector) same aperture) and sample and (light with (transmitt\$4 or reflect\$4)) and intergator	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 11:40

## EAST Search History

S62	0	((sensor or detector) and aperture) and sample and (light with (transmitt\$4 or reflect\$4)) and intergator	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 11:40
S63	9305	((sensor or detector) and aperture) and sample and (light with (transmitt\$4 or reflect\$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 11:40
S64	0	((sensor or detector) and aperture) and sample and (light with (transmitt\$4 or reflect\$4)) and intergat\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 11:40
S65	9305	((sensor or detector) and aperture) and sample and (light with (transmitt\$4 or reflect\$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 11:41
S66	266	((sensor or detector) and aperture) and sample and (light with (transmitt\$4 or reflect\$4)) and reflectometer	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 11:41
S67	147	((sensor or detector) and aperture) and sample and (light with (transmitt\$4 or reflect\$4)) and reflectometer and circuit	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 11:42
S68	67	((sensor or detector) same aperture) and sample and (light with (transmitt\$4 or reflect\$4)) and reflectometer and circuit	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 10:47
S70	7436	((sensor or detector) same aperture) and sample and (light with (transmitt\$4 or reflect\$4)) and circuit adn intergat\$6	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 12:03
S71	0	((sensor or detector) same aperture) and sample and (light with (transmitt\$4 or reflect\$4)) and circuit and intergat\$6	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 12:03
S72	2403	((sensor or detector) same aperture) and sample and (light with (transmitt\$4 or reflect\$4)) and circuit	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 12:03
S73	1159	((sensor or detector) and aperture) and sample and circuit and integrator	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 12:07
S74	988	((sensor or detector) and aperture) and sample and circuit and integrator and (reflect\$4 or transmit\$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 12:07

## EAST Search History

S75	845	S74 and light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 12:08
S76	830	S74 and light and output	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 12:08
S77	266	S74 and light and (time near interval)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 12:09
S78	51	S77 and exponential	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 14:17
S79	4	((("5,608,526") or ("5,910,842"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 14:19
S80	263	356/405.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 16:36
S81	61	356/405.ccls. and aperture	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 16:37
S82	22	S81 and human adj eye	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 16:37
S83	22	S81 and (human adj eye)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 16:37
S84	38367	(bessel adj filter) adn integrator and converter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 10:48

## EAST Search History

S85	76	(bessel adj filter) and integrator and converter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 10:50
S86	12	(bessel adj filter) same integrator same converter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 10:50
S87	3	("3614626"   "3780279"   "3894219").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/01 11:11
S89	1292	356/432.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 11:21
S90	576813	"3" and compare	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 11:21
S91	152	S89 and compare	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 11:21
S92	10	("4236826").URPN.	USPAT	OR	ON	2006/06/01 13:01
S93	151	356/433.ccls.	USPAT	OR	ON	2006/06/01 13:17
S97	32	S93 and aperture	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 13:11
S98	4	("3779650").URPN.	USPAT	OR	ON	2006/06/01 13:13
S10 2	326	356/434.ccls.	USPAT	OR	ON	2006/06/01 13:17
S10 3	80	S102 and aperture	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 13:17
S10 4	1	("4465375").URPN.	USPAT	OR	ON	2006/06/01 13:31
S10 5	8	("4289406").URPN.	USPAT	OR	ON	2006/06/01 13:31



## EAST Search History

S10 6	13	("3790289").URPN.	USPAT	OR	ON	2006/06/01 15:02
S10 8	1280	light same transmitt\$5 same sample same reference same (detector or sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 09:59
S10 9	961	light same transmitt\$5 same sample same reference same (detector or sensor)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 10:00
S11 0	470	S109 and "356"\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 10:00
S11 1	194	S110 and aperture	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 10:25
S11 2	6	("3856408").URPN.	USPAT	OR	ON	2006/06/02 10:26
S11 3	4	("2861493"   "3041921").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/02 10:34
S11 4	2	("4003660").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/02 10:35
S11 5	587	circuit and integrator and sampling and output and (exponent\$5 with time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 10:36
S11 6	4	circuit and integrator same (sampling with output) same (exponent\$5 with time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 10:36
S11 7	18	("3696678").URPN.	USPAT	OR	ON	2006/06/02 10:53
S11 8	6	(exponential adj function adj time) same integrator	USPAT	OR	ON	2006/06/02 11:30
S11 9	4	("5554973").URPN.	USPAT	OR	ON	2006/06/02 10:56

## EAST Search History

S12 0	7	(exponential adj function adj time) same integrator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 11:36
S12 1	2	(bessel adj filter) same (integration adj period)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 12:59
S12 2	8	(bessel adj filter) same integration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:17
S12 3	16	(bessel adj filter) and (human adj eye)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:15
S12 4	0	("6853387").URPN.	USPAT	OR	ON	2006/06/02 13:07
S12 5	0	("6853387").URPN.	USPAT	OR	ON	2006/06/02 13:07
S12 6	12	("5245326"   "5325195"   "5593221"   "5696529"   "5831697"   "5896119"   "5986737"   "6061104"   "6144360"   "6243068"   "6320652"   "6459425").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/02 13:07
S12 7	4	("2003/0058202").URPN.	USPAT	OR	ON	2006/06/02 13:07
S12 8	442	(bessel adj filter) and sample	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:15
S12 9	4	(bessel adj filter) same radiation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:18
S13 0	136	(bessel adj filter) and radiation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:18

## EAST Search History

S13 1	23	(bessel adj filter) and radiation and eye	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:36
S13 2	1221	absorbance with sample and "356"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:36
S13 3	1014	absorbance with sample and "356"/\$.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:37
S13 4	324	absorbance adj sample and "356"/\$.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:44
S13 6	25	("3881992"   "4816393"   "4954435"   "5252488"   "5331958"   "5348003"   "5527708"   "5602038"   "5602647"   "5733787"   "5772606"   "5815260"   "5822071"   "5858644"   "5958786"   "6028311"   "6044285"   "6087182"   "6107083"   "6151522"   "6241863"   "6262798"   "6268910"   "6306660"   "6788414").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/02 13:45
S13 7	6	("4462685"   "4948250"   "5042946"   "5104220"   "5181077"   "5568254").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/02 13:49
S13 8	25	("3881992"   "4816393"   "4954435"   "5252488"   "5331958"   "5348003"   "5527708"   "5602038"   "5602647"   "5733787"   "5772606"   "5815260"   "5822071"   "5858644"   "5958786"   "6028311"   "6044285"   "6087182"   "6107083"   "6151522"   "6241863"   "6262798"   "6268910"   "6306660"   "6788414").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/02 13:53
S13 9	8	("6151522").URPN.	USPAT	OR	ON	2006/06/02 13:54
S14 0	6	("4193690"   "5243983"   "5261410"   "5293872"   "5991653"   "6044285").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/02 13:55

## EAST Search History

S14 1	1574	filter with (human and eye)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 15:05
S14 2	260	filter with (human and eye) with response	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 15:05
S14 3	34	filter with (human and eye) with response with frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 15:54
S14 4	34	filter with (human and eye) with response with frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 14:37
S14 5	3	S144 andessel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 16:01
S14 6	30	(output adj filter) with integrator with capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 13:25
S14 7	2	"6512577".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 13:22
S14 8	7	("4883953"   "5089701"   "5303026"   "5324945"   "5708271"   "5845002"   "5926262").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/05 13:22
S14 9	42	integrator same sampling same aperture	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 13:52
S15 0	4	integrator same sampling same aperture same resolution	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 13:54

## EAST Search History

S15 1	10	(integrator same sampling same resolution) and aperture and light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 13:58
S15 2	4	(integrator same sampling same resolution) and aperture and radiation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 13:59
S15 3	66	(integrator same sampling) and resolution and signal and aperture and radiation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 14:00
S15 4	2	("4047023").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/05 15:34
S15 5	19481	(sampl\$4 with output wiht integrator) and aperture	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 14:40
S15 6	8	(sampling adj output adj integrator) and aperture	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 15:16
S15 7	2	(sampling adj output adj integrator) and aperture and resolution	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 15:10
S15 8	13	( output with integrator with resolution) and aperture	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 15:16
S15 9	2	("5576831").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/05 15:34
S16 0	24	("5576831").URPN.	USPAT	OR	ON	2006/06/05 15:36

## EAST Search History

S16 1	1	S160 and integrator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 15:36
S16 2	0	("66512577").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/05 15:57
S16 3	2	("6512577").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/05 15:57
S16 4	7	("4883953"   "5089701"   "5303026"   "5324945"   "5708271"   "5845002"   "5926262").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/05 16:00
S16 5	151	lauchman and transmitted and compar\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:04
S16 6	13	("4306809"   "5257092"   "5389783"   "5457536"   "5764363"   "5965874"   "6025917"   "6097488"   "6134011"   "6175412"   "6356036"   "6384916"   "6515745").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/05 16:11
S16 7	1071	356/436,439.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 14:51
S16 8	51	S167 and (rotat\$4 with sample)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 15:11
S16 9	36	infrared adj blocker	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 15:23

## EAST Search History

S17 0	26	((("6,040,903") or ("6,067,155") or ("6,082732") or ("6,092,002") or ("6,166,393") or ("6,198,102") or ("6,224,699") or ("6245168") or ("6253,159") or ("6,259,526") or ("6,270599") or ("6,323,954") or ("6,352497"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/08 10:31
S17 1	79	("20010016059"   "20020000291"   "20020055430"   "2935559"   "2984699"   "3711176"   "4166541"   "4170419"   "4543141"   "4614969"   "4663220"   "4680205"   "4685475"   "4704116"   "4806776"   "4811002"   "4837715"   "4877940"   "4900382"   "4940464"   "4972093"   "4982103"   "5045135"   "5046272"   "5103337"   "5104116"   "5110403"   "5166536"   "5182722"   "5204538"   "5224405"   "5226992"   "5235515"   "5246433"   "5286543"   "5343049"   "5347135"   "5359525"   "5399016"   "5483893"   "5500063"   "5547531"   "5549537"   "5552007"   "5626711"   "5635724"   "5637864"   "5644140"   "5660666"   "5663565"   "5726758"   "5755902"   "5766389"   "5772825"   "5779831"   "5818719"   "5855574"   "5858515"   "5870203"   "5879500"   "5930139"   "5980087"   "6040903"   "6067155"   "6082732"   "6092002"   "6166393"   "6198102"   "6217794"   "6224699"   "6245168"   "6253159"   "6259526"   "6270599"   "6323954"   "6352497"   "6444064").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 15:20
S17 2	6	S169 and metal and water	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 15:49
S17 3	0	unfrared adj blocker	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 15:50

## EAST Search History

S17 4	36	infrared adj blocker	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 15:50
S17 5	4	infrared adj blocker same garment	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 15:50
S17 6	16	BUSTAMANTE-CARLOS BUSTAMANTE-CARLOS-A BUSTAMANTE-CARLOS-J BUSTAMANTE-CARLOS-R BUSTAMANTE-CARLOS-ROBERTO BUSTAMANTE-CARLOS-ROBERTO-P	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 09:26
S17 9	3	("6415070").URPN.	USPAT	OR	ON	2007/08/02 10:06
S18 0	8	((("5,680,484") or ("4,563,883") or ("5,710,625") or ("5,818,637") or ("5,422,718"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/08 10:31
S18 1	1	("5710625").URPN.	USPAT	OR	ON	2006/06/08 10:32
S18 2	7	("4779003"   "5120978"   "5129723"   "5135302"   "5155543"   "5280272"   "5710625").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 10:33
S18 3	1	("5120978").URPN.	USPAT	OR	ON	2006/06/08 10:34
S18 4	11	("5680484").URPN.	USPAT	OR	ON	2006/06/08 10:44
S18 5	8	("4563883").URPN.	USPAT	OR	ON	2006/06/08 10:58
S18 6	0	(polygonal adj aperture and sample and first and second and rotated and sensor).clm.	USPAT	OR	OFF	2007/02/04 14:59
S18 7	1	(polygonal adj aperture and first and second and rotated and sensor).clm.	USPAT	OR	OFF	2007/02/04 14:59
S18 8	19	(polygonal adj aperture) and light and (detector or sensor)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/04 15:03
S18 9	3	((polygonal adj aperture) with rotat\$5) and light and (detector or sensor)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/04 15:03



## EAST Search History

S19 0	7	US-3256771-\$.DID. OR US-3304435-\$.DID. OR US-3612881-\$.DID. OR US-3865492-\$.DID. OR US-4411521-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/30 12:02
S19 1	3122	250/237R,316,204,208.6.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/30 12:03
S19 2	14	S191 and (rotat\$4 same polygon\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/30 12:04
S19 3	286	S191 and (rotat\$4 same aperture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/30 12:06
S19 4	87	S193 and filter\$4 and output	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/30 14:27
S19 5	37	"0208810"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/30 14:28
S19 7	11	(polygonal and first and second and transmitt\$4 and radiation and circuit).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/02 10:09

## EAST Search History

S19 8	2	(polygonal and first and second and transmitt\$4 and radiation and circuit and rotat\$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/02 10:09
S19 9	2	(sensor and filter\$4 and circuit and color and triangular and aperture).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/02 10:11
S20 1	0	(sensor and sample and transmitt\$4 and circuit and color and triangular and aperture).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/02 15:01
S20 2	2269	356/326.ccls. geisel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/02 15:01
S20 3	37	356/326.ccls. and geisel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/02 15:02
S20 4	64	356/326-334.ccls. and geisel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/02 15:02